

| L Numb r | Hits | Search Text | DB | Time stamp |
|----------|------|-------------------|---|---------------------|
| 1 | 226 | (359/10).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:41 |
| 2 | 180 | (359/11).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:41 |
| 3 | 453 | (359/22).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 4 | 249 | (359/24).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 5 | 170 | (359/28).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 6 | 262 | (359/30).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 7 | 254 | (359/35).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 8 | 3166 | (369/44.11).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 9 | 749 | (369/44.26).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 10 | 99 | (369/102).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |

| | | | | |
|----|------|--|---|---------------------|
| 11 | 548 | (369/103).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 12 | 675 | (369/44.37).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 13 | 211 | (369/44.38).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 14 | 120 | (369/106).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 15 | 167 | (369/109.01).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 16 | 77 | (369/109.02).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 17 | 492 | (359/1).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:42 |
| 18 | 7210 | ((359/10).CCLS.) or ((359/11).CCLS.) or ((359/22).CCLS.) or ((359/24).CCLS.) or ((359/28).CCLS.) or ((359/30).CCLS.) or ((359/35).CCLS.) or ((369/44.11).CCLS.) or ((369/44.26).CCLS.) or ((369/102).CCLS.) or ((369/103).CCLS.) or ((369/44.37).CCLS.) or ((369/44.38).CCLS.) or ((369/106).CCLS.) or ((369/109.01).CCLS.) or ((369/109.02).CCLS.) or ((359/1).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:43 |
| 19 | 535 | ((359/10).CCLS.) or ((359/11).CCLS.) or ((359/22).CCLS.) or ((359/24).CCLS.) or ((359/28).CCLS.) or ((359/30).CCLS.) or ((359/35).CCLS.) or ((369/44.11).CCLS.) or ((369/44.26).CCLS.) or ((369/102).CCLS.) or ((369/103).CCLS.) or ((369/44.37).CCLS.) or ((369/44.38).CCLS.) or ((369/106).CCLS.) or ((369/109.01).CCLS.) or ((369/109.02).CCLS.) or ((359/1).CCLS.)) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:44 |

| | | | | |
|----|-----|---|---|---------------------|
| 20 | 373 | (((359/10).CCLS.) or ((359/11).CCLS.) or ((359/22).CCLS.) or ((359/24).CCLS.) or ((359/28).CCLS.) or ((359/30).CCLS.) or ((359/35).CCLS.) or ((369/44.11).CCLS.) or ((369/44.26).CCLS.) or ((369/102).CCLS.) or ((369/103).CCLS.) or ((369/44.37).CCLS.) or ((369/44.38).CCLS.) or ((369/106).CCLS.) or ((369/109.01).CCLS.) or ((369/109.02).CCLS.) or ((359/1).CCLS.)) and (phase with modulats)) and hologra\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 11:09 |
| 23 | 766 | (read\$4 or replay\$ or reproduc\$) same (phase with modulats with beam) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 13:48 |
| 24 | 212 | ((read\$4 or replay\$ or reproduc\$) same (phase with modulats with beam)) and hologra\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 13:48 |
| 25 | 2 | ("5,719,691").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 11:58 |
| 26 | 6 | ((("3,711,177") or ("3,519,322") or ("3,620,590"))).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 11:58 |
| 27 | 176 | (hologra\$ same (read\$4 or replay\$ or reproduc\$)) and (phase with (multiplex\$ or modulats)) and slm | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 17:10 |
| 28 | 2 | ("5111445").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 17:10 |
| - | 54 | ((359/1).CCLS.) and (phase with modulats) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/09 10:43 |
| - | 59 | ((359/10).CCLS.) and (phase with modulats) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 13:58 |

| | | | | |
|---|----|--|---|---------------------|
| - | 73 | ((359/11).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 14:55 |
| - | 75 | ((359/22).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:19 |
| - | 39 | ((359/24).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:29 |
| - | 17 | ((359/28).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:37 |
| - | 42 | ((359/30).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:39 |
| - | 31 | ((359/35).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:52 |
| - | 27 | ((369/44.11).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:56 |
| - | 63 | ((369/44.26).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:59 |
| - | 9 | ((369/102).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:09 |
| - | 81 | ((369/103).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:12 |
| - | 2 | ("5416616" "5636195").PN. | USPAT | 2003/02/21 16:20 |

| | | | | |
|---|-------|--|---|---------------------|
| - | 32 | ((369/44.37).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:28 |
| - | 14 | ((369/44.38).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:34 |
| - | 9 | ((369/106).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:35 |
| - | 47 | ((369/109.01).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:37 |
| - | 10 | ((369/109.02).CCLS.) and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:42 |
| - | 37737 | hologra\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 18:49 |
| - | 2354 | hologra\$ and (phase with modulat\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:45 |
| - | 685 | (hologra\$ and (phase with modulat\$)) and (position\$ with (region or control\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 17:05 |
| - | 154 | ((hologra\$ and (phase with modulat\$)) and (position\$ with (region or control\$5))) and (record\$3 or reproduc\$3 or read\$3 or writ\$3) and ((plural\$3 or multiple) with wavelength) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 16:56 |
| - | 430 | (hologra\$ and (phase with modulat\$)) and (position\$ with information) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 18:18 |

| | | | | |
|---|------|---|---|---------------------|
| - | 163 | (hologra\$ and (phase with modulat\$)) and (position\$ with (information or track)) and multiplex\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 18:34 |
| - | 1124 | hologra\$ same multipl x\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 18:50 |
| - | 95 | (hologra\$ same multiplex\$) and redundan\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 08:59 |
| - | 2 | jp-10124872-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 19:09 |
| - | 2 | jp-10302293-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 19:10 |
| - | 141 | sony.as. and hologra\$ and (optic\$2 with information) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 08:05 |
| - | 6256 | hologra\$ and (optic\$2 with information) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 08:06 |
| - | 39 | (hologra\$ and (optic\$2 with information)) and redundan\$ and parity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 08:35 |
| - | 150 | hologra\$ and redundan\$ and parity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 08:36 |
| - | 323 | hologra\$ and (multiplex\$ with wavelength with (plurality or multiple)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 09:01 |

| | | | | |
|---|------|---|---|---------------------|
| - | 100 | (hologra\$ and (multiplex\$ with wavelength with (plurality or multiple))) and overlap\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 09:03 |
| - | 2 | wo-9702563-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 10:38 |
| - | 3233 | hologra\$ and (position\$ with information) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 11:01 |
| - | 0 | (hologra\$ and (position\$ with information)) and (wavelength with multiplex\$ with track\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 11:02 |
| - | 55 | (hologra\$ and (position\$ with information)) and (wavelength with multiplex\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/24 11:02 |